

SOLICITATION INFORMATION

September 13, 2005

BID NUMBER #B05582

**TITLE: RI CONTRACT #2005 - CH - 100
RELOCATED I-195 CONTRACT 6A**

OPENING DATE AND TIME: 10/5/05 – 11:30 A.M.

PRE-BID/ PROPOSAL CONFERENCE: YES DATE: 9/22/2005 TIME: 9:00 AM

**LOCATION: DEPARTMENT OF TRANSPORTATION, (TMC) TWO CAPITOL HILL, RM
126, PROVIDENCE, RI**

SURETY REQUIRED: YES

BOND REQUIRED: YES

**WILLIAM J. ANDERSON
ADMINISTRATOR/PURCHASING SYSTEMS**

WA/dls

**Vendors must register on-line at the State Purchasing Website at
www.purchasing.state.ri.us to be able to download a Bidder Certification Cover
Form which must accompany each offer.**

NOTE TO VENDORS:

**Offers received without the entire completed three-page RIVIP
Generated Bidder Certification Cover Form attached may result in
offer disqualification.**

THIS PAGE IS NOT A BIDDER CERTIFICATION FORM

*** THIS IS A DISK-BASED BID ***

ELECTRONIC BIDDING PROCEDURE NOTICE

All Bidders MUST register in person at the office of Contract Administration to obtain necessary Bidder Registration and Digital ID's.

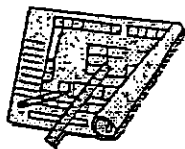
NO BID OFFER WILL BE ACCEPTED WITHOUT PROPER BIDDER REGISTRATION AND DIGITAL ID'S.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RIDOT Provides:



CD



Plans (on CD)

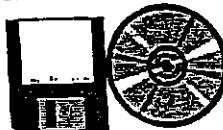


Contract Documents
(on CD)

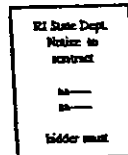


DOQ Report
(on CD)

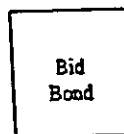
Bidder Must Submit:



Readable 3 1/2"
High Density
Disk or CD



Completed &
Signed Proposal



Completed Bond



Completed & Signed

Call the Contracts & Specifications Office at 222-2495
to request technical support on issues directly related to the
Department's Electronic Disk-Based Bidding Program.
Office Hours: 8:30 AM - 4:00 PM

NO BID OFFER WILL BE CONSIDERED
UNLESS ACCOMPANIED BY A 3 1/2" DISK OR CD
CONTAINING THE BID PROPOSAL FILE

GENERATED BY THE RIDOT BID PREPARATION PROGRAM (QUEST LITE)

Failure to comply will result in a mandatory disqualification per Section 102.07 of Part 100, General Requirements and Covenants of the RI Dept. of Transportation's Standard Specifications for the Road and Bridge Construction, 2004 Edition

Revision 7/08/04

Rhode Island Department of Transportation (RIDOT)

Notice to Contractors**THIS IS A DISK-BASED BID**

Bid offers will be accepted *only on disk/CD generated by RIDOT-supplied software called Quest Lite; each disk/CD must be accompanied by a hard copy signed offer printed from the software and submitted at the Bid Opening.* Minimum computer hardware and operating system requirements are listed here. *Training is strongly recommended; SEE BELOW.*

CONTACT:**RIDOT CONTRACTS & SPECIFICATIONS**

Phone: 401-222-2495

Rm. 108, Two Capitol Hill, Providence, RI 02903

Hours: **Mon – Fri, 8:30AM– 4:00PM****1. Required Registration Codes for Each Bidder**

Registration Codes for RIDOT software are necessary to use the software; a firm only needs to register once to acquire secure, unique codes to be used with all RIDOT disk-based construction project bids.

2. The required Quest Lite installation software and all applicable Contract Documents are provided on a CD-ROM.

The Contract Documents include the RI Standard Specifications, 2004 edition and all subsequent revisions and addenda, the RI Standard Details, General Provisions, Special Provisions, Distribution of Quantities and Engineering Plans, and all other applicable documents.

3. Addenda, when necessary, are available on Purchases' RIVIP website

at: <http://www.purchasing.ri.gov/>

RIDOT will make all necessary addenda available at Purchases' web site. It is the plan-holders responsibility to poll the RIVIP to keep up-to-date on addenda.

4. Training can be requested up to three (3) days prior to the Bid Opening

Training is provided on request. Arrangements must be made through the RIDOT Contracts & Specifications Office at least three (3) days prior to the Bid Opening of the project.

5. Technical Support is available.**Minimum Computer Hardware and Operating System Requirements:**

- Windows 98 SE, Windows NT 4.0 (w/SP6), Windows 2000 (w/SP3) or Windows XP Pentium III 500MHz PC (1GHz recommended)
- CD-ROM Drive, Floppy Drive, Printer & 15" Monitor (17" recommended)
- 20GB Hard Disk with 1GB free (40 GB with 5 GB free recommended)
- 256 MB RAM (512 MB recommended)
- 32 MB Video Card (64 MB SVGA recommended)
- Internet Explorer 5.5 SP1 (Internet Explorer 6.0 SP1 recommended)

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Rhode Island Department of Transportation (RIDOT)
Contracts and Specifications

ELECTRONIC BIDDING PROCEDURES **QUEST LITE UPGRADE**

Effective September 12, 2005, bid offers for all RIDOT Contracts requiring the use of the Department's Quest Lite bid preparation software **MUST** be prepared using **Quest Lite Version 040406 (2.8.2)**. Failure to comply with this requirement could result in the disqualification of your bid offer.

Full installation and upgrade-only software packages for Quest Lite Version 040406 (2.8.2) will be provided on the project advertising CD's, which are available to prospective bidders through the Contracts and Specifications office on or after the scheduled project advertising date.

Contractors presently using Quest Lite Version 040405 (2.8.1) need only install the upgrade package to complete the conversion.

For technical assistance, contact the Contracts and Specifications office at 222-2495.

**State of Rhode Island and Providence Plantations
Department of Transportation - Design Section**

**Notice to Contractors
Special Provisions
Proposal
Contact Agreement
Contract Bond**

for the Performance of

Rhode Island Contract Number: 2005-CH-100

Rhode Island Federal-Aid\State-Aid Project Numbers: BRO-1954(063)

Project: IMPROVEMENTS TO INTERSTATE ROUTE 195 - CONTRACT 6A - RAMP WS, RAMP THS

Limits: Thurbers Avenue to Blackstone Street

City/Town: PROVIDENCE

County: PROVIDENCE

Submitted By: _____

Address: _____

Name of Surety: _____

Total Bid: _____

(BIDDER MUST FILL IN ALL ABOVE SPACES)

The basis of award of the Contract will be the total bid for all quantities of work in the proposal subject to review and correction as provided for in the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction and Standard Details.

NOTE: The State of Rhode Island Standard Specifications for Road and Bridge Construction and Standard Details consists of the following:

- The Rhode Island Standard Specifications for Road and Bridge Construction, 2004 Edition.
- The Rhode Island Standard Details, 1998 Edition, with all revisions.
- **The Rhode Island Bridge Standard Details, 2003 Edition**

*** Refer to Section 102.05 of the Standard Specifications for specifications regarding
the use of Quest Lite software for bid preparation.**

The above documents may be obtained at the Rhode Island Department of Transportation, Contracts and Specifications Office upon request.

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ADMINISTRATION - DIVISION OF PURCHASES**

NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS

Sealed Proposals addressed to the State Purchasing Agent, Rhode Island Department of Administration, Division of Purchases, One Capitol Hill, Providence, Rhode Island 02903, will be opened and read in public on Wednesday, October 5, 2005 at 11:30 AM. All bidders MUST register online at www.purchasing.ri.gov. A Bidder Certification Cover Sheet MUST accompany each bid. Bid item description and quantities estimated for this project will also be available online. Should you need assistance in registering or downloading a bid, call (401) 222-2142 ext. 134. Failure to comply will result in mandatory disqualification per Item 4 of Section 102.12 of the Rhode Island Department of Transportation's Standard Specifications for Road and Bridge Construction 2004 Edition and RI General Law 37-2-17 which references the RI Vendor Information Program (RIVIP).

DESCRIPTION: Rhode Island Contract No. 2005-CH-100, R.I. Federal-Aid Project No. BRO-1954(063), County of Providence, City of Providence, Rhode Island. Improvements to Interstate Route 195, Contract 6A - Construction contract for the construction of Ramp WS from Thurbers Avenue to Rhodes Street, including the widening of the Oxford Street and O'Connell Street bridges and a new bridge over Public Street; and resurfacing southbound Interstate 95 from Thurbers Avenue to Blackstone Street. The bridge construction includes pile driving, excavation support, cast-in-place concrete abutments, bulb tee beams, concrete box beams, and cast-in-place concrete decks and parapets. Road construction includes concrete and bituminous pavement, drainage, lighting, pavement markings, signing, overhead signs, excavation, hauling, and grading. Retaining wall construction includes cast-in-place concrete and mechanically stabilized earth (MSE) walls. Incidental construction includes site preparation, plantable soil and seed, maintenance and protection of traffic including detours and temporary closures, and all other incidentals, complete and accepted within the project.

The Contractor will be required, in accordance with the provisions of the Disadvantaged Business Enterprise Affirmative Action Certification for Contractors and Consultants, to meet the established goal of not less than 5 percent of the contract bid price, including the established Race-Conscious goal of not less than 0 percent, to the Contractors, Subcontractors, and/or suppliers which qualify as Disadvantaged Business Enterprises (DBE's).

Computer Disks for competitive bidding for the above described work will be furnished by the Department of Transportation, Division of Administrative Services, Contracts & Specifications Office, Room 108, Two Capitol Hill, Providence, Rhode Island, 02903, Tel.Number (401)-222-2495. The Plans, Specifications and Special Provisions may also be examined on or after Wednesday, September 14, 2005 every weekday except holidays between the hours of 8:00 AM and 4:00 PM.

The Bid Package consists of 3 compact disk(s) which include the plan set consisting of three (3) volumes of plans that comprise the contract drawings, contract specifications, the bid file, Quest Lite installation software, Quest Lite User Manual, Standard Specifications for Road & Bridge Construction, Rhode Island Standard Details, Bridge Standard Details, and Geotechnical Data Report. The three (3) volumes of Plans are as follows; Volume I - Highway Plans; Volume II - Site Improvement Plans; Volume III - Bridge and Wall Plans.

Prospective bidders are hereby notified that all questions pertaining to this Contract shall be submitted to the Department of Transportation through its website at www.dot.state.ri.us by accessing the questions menu located within the project listing under the "Contracting - Bidding Opportunities" link. Responses to questions submitted will also be posted to this location. Phone calls will not be accepted.

Please also note that all Bidding Documents required to be submitted and in fact submitted to the Purchasing Agent as part of a bid will be considered returned to the State and need not be returned to RIDOT.

A bid bond payable to the State of Rhode Island, in the amount of 5% of the total or gross sum of the bid must be furnished by each bidder. The Proposal Guaranty will be furnished by surety companies authorized/licensed to do business in the State of Rhode Island. The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island. A performance bond of one hundred (100) percent of the contract price with a satisfactory surety company will be required of the

successful bidder. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by the Federal Register). The Department of Transportation reserves the right to reject any or all bids.

Required Contract Provisions - The attention of prospective bidders is called to the fact that this project is to be bid upon and the contract executed under the rules and regulations for carrying out the provisions of the Federal-Aid Highway Act, subject to all appropriate Federal Laws, including Title VI of the Civil Rights Act of 1964, as amended and supplemented, and the required provisions for Federal - Aid Contracts, as provided for in Chapters 85, 86 and 88 of the Public Laws of Rhode Island, 1960.

Wages of labor on Federal -Aid Highway Projects - the prevailing rate of wages for laborers and mechanics employed by contractors or subcontractors on the initial construction of highway projects on the Federal - Aid Highway System, authorized under the Federal Highway Act of 1968, shall be paid wages at rates not less than those prevailing on the same type of work on similar construction in the immediate locality as determined by the United States Secretary of Labor, in accordance with the Act of August 30, 1935, known as the Davis - Bacon Act, under Decision Nos. 1 through 6 as applicable.

Prevailing wage rates and Davis - Bacon Wage Determination Reference Materials are available online at www.purchasing.ri.gov. It is advisable to print only the pages applicable to this bid; the rates active on the Rhode Island Vendor Information Program's bid solicitation date for this project are applicable for the duration of the contract resulting from this bid.

Work Hours Act of 1962 - This contract is subject to Work Hours Act of 1962, Public Law 87-581 and implementing regulations.

Pre-Bid Conference - A Pre-Bid Conference will be held in Providence, Rhode Island, at 9:00 AM on Thursday, September 22, 2005 at the RIDOT Transportation Management Center (TMC) for the purpose of reviewing construction problems and/or operations concerning the project. Individuals requesting interpreter services for the hearing impaired must notify 401-222-4971 (T.D.D.) a minimum of at least three(3) business days, seventy-two(72) hours prior to the conference date.

DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES

BY BRIAN P. STERN

EXECUTIVE DIRECTOR/PURCHASING AGENT

SPECIAL NOTE

ANY REFERENCE TO THE RHODE ISLAND DEPARTMENT OF PUBLIC WORKS OR THE DIRECTOR OF PUBLIC WORKS SHOULD BE REVISED TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND THE DIRECTOR OF TRANSPORTATION RESPECTIVELY.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free hotline Monday through Friday, 8:00 a.m. to 5 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the hotline to report such activities.

The hotline is part of the DOT's continuing effort to identify, and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Items List

Date: 8/31/2005

Project Name - IMPROVEMENTS TO INTERSTATE ROUTE 195 -
 CONTRACT 6A - RAMP WS, RAMP THS
 R.I. Contract No. - 2005-CH-100
 FAP Nos: BRO-1954(063)

Seq No.	Item Code	Description	Quantity	UM
001	201.0320	CLEARING AND GRUBBING	1.00	ACRE
002	201.0403	REMOVE AND DISPOSE SIDEWALKS	3,048.00	SY
003	201.0407	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE	7,028.00	SY
004	201.0408	REMOVE AND DISPOSE RIGID PAVEMENT	350.00	SY
005	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	3,707.00	SY
006	201.0410	REMOVE AND DISPOSE CATCH BASINS	18.00	EACH
007	201.0412	REMOVE AND DISPOSE MANHOLE	4.00	EACH
008	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	645.00	LF
009	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	2,970.00	LF
010	201.0419	REMOVE AND DISPOSE FENCE	1,664.00	LF
011	201.0420	REMOVE AND DISPOSE CONCRETE SLAB	130.00	SY
012	201.0423	REMOVE AND DISPOSE HANDHOLE	10.00	EACH
013	201.0424	REMOVE AND DISPOSE RETAINING WALL	115.00	CY
014	201.0427	REMOVE AND DISPOSE CONCRETE CAR STOPS	6.00	EACH
015	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	1.00	EACH
016	201.0450	REMOVE AND STOCKPILE ON SITE GRANITE CURB	3,550.00	LF
017	201.0458	REMOVE AND DISPOSE PIPE PLUGS ALL SIZES	1.00	EACH
018	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	8.00	EACH
019	201.0616	REMOVE AND DISPOSE LIGHT STANDARD FOUNDATIONS	10.00	EACH
020	201.0617	REMOVE AND DISPOSE CONDUIT - ALL SIZES	172.00	LF
021	201.0622	REMOVE AND DISPOSE OVERHEAD SIGN PANEL	2.00	EACH
022	201.0623	REMOVE AND DISPOSE OVERHEAD SIGN STRUCTURE	2.00	EACH
023	201.9901	REMOVE & DISPOSE EXISTING TWO BAR RAIL	669.00	LF
024	201.9905	REMOVE AND DISPOSE OVERHEAD SIGN STRUCTURE FOUNDATION	2.00	EACH
025	201.9909	REMOVE AND DISPOSE LIGHT STANDARD	10.00	EACH
026	201.9920	REMOVE AND DISPOSE BILLBOARD FOUNDATION	2.00	EACH
027	201.9921	REMOVE AND DISPOSE GATE	1.00	EACH
028	201.9922	REMOVE AND STOCKPILE GATE	1.00	EACH
029	201.9923	REMOVE AND DISPOSE GRANITE CURB FROM STOCKPILE	2,109.00	LF
030	201.9960	REMOVE AND DISPOSE IMPACT ATTENUATOR	1.00	EACH
031	202.0100	EARTH EXCAVATION	7,975.00	CY
032	202.0700	COMMON BORROW	9,135.00	CY
033	202.9903	MSE WALLS BACKFILL	5,793.00	CY
034	202.9986	LOAD AND HAUL CONTAMINATED SOIL (TYPE 1)	1,000.00	TON
035	202.9987	DISPOSE OF CONTAMINATED SOIL (TYPE 1)	1,000.00	TON
036	202.9988	LOAD AND HAUL CONTAMINATED SOIL (TYPE 2)	1,000.00	TON
037	202.9989	DISPOSE OF CONTAMINATED SOIL (TYPE 2)	1,000.00	TON
038	202.9990	LOAD, HAUL AND DISPOSE OF CONTAMINATED SOIL (TYPE 3)	200,000.00	UNIT
039	203.0100	STRUCTURAL EXCAVATION EARTH	3,792.00	CY

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Seq No.	Item Code	Description	Quantity	UM
040	203.0600	FILL GRAVEL BORROW UNDER STRUCTURES	384.00	CY
041	203.0700	PERVIOUS FILL	4,810.00	CY
042	203.9909	DEWATERING PUBLIC STREET SOUTH ABUTMENT (TYPE A)	1.00	LS
043	203.9910	DEWATERING PUBLIC STREET NORTH ABUTMENT (TYPE A)	1.00	LS
044	203.9911	DEWATERING O'CONNELL STREET SOUTH ABUTMENT (TYPE A)	1.00	LS
045	203.9912	DEWATERING O'CONNELL STREET NORTH ABUTMENT (TYPE A)	1.00	LS
046	203.9913	DEWATERING OXFORD STREET SOUTH ABUTMENT (TYPE A)	1.00	LS
047	203.9914	DEWATERING OXFORD STREET NORTH ABUTMENT (TYPE A)	1.00	LS
048	203.9915	DEWATERING WALL A (TYPE A)	1.00	LS
049	203.9916	DEWATERING WALL B (TYPE A)	1.00	LS
050	203.9917	DEWATERING WALL B (TYPE C)	1.00	LS
051	203.9918	DEWATERING WALL C (TYPE A)	1.00	LS
052	203.9919	DEWATERING WALL D (TYPE A)	1.00	LS
053	203.9920	DEWATERING WALL E (TYPE A)	1.00	LS
054	203.9951	TREATMENT OF CONTAMINATED GROUND WATER PUBLIC STREET SOUTH ABUTMENT	1.00	LS
055	203.9952	TREATMENT OF CONTAMINATED GROUNDWATER PUBLIC STREET NORTH ABUTMENT	1.00	LS
056	203.9953	TREATMENT OF CONTAMINATED GROUNDWATER O'CONNELL STREET SOUTH ABUTMENT	1.00	LS
057	203.9954	TREATMENT OF CONTAMINATED GROUNDWATER O'CONNELL STREET NORTH ABUTMENT	1.00	LS
058	203.9955	TREATMENT OF CONTAMINATED GROUNDWATER OXFORD STREET SOUTH ABUTMENT	1.00	LS
059	203.9956	TREATMENT OF CONTAMINATED GROUNDWATER OXFORD STREET NORTH ABUTMENT	1.00	LS
060	203.9957	TREATMENT OF CONTAMINATED GROUNDWATER WALL A	1.00	LS
061	203.9958	TREATMENT OF CONTAMINATED GROUNDWATER WALL B	1.00	LS
062	203.9959	TREATMENT OF CONTAMINATED GROUNDWATER WALL C	1.00	LS
063	203.9960	TREATMENT OF CONTAMINATED GROUNDWATER WALL D	1.00	LS
064	203.9961	TREATMENT OF CONTAMINATED GROUNDWATER WALL E	1.00	LS
065	204.0100	TRIMMING AND FINE GRADING	28,233.00	SY
066	206.0220	SILT FENCE STANDARD 9.2.0	2,022.00	LF
067	208.0100	DEWATERING BASIN STANDARD 9.7.0	900.00	SF
068	209.0110	BALED HAY CATCH BASIN INLET PROTECTION STANDARD 9.8.0	240.00	LF
069	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	1.00	LS

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Seq No.	Item Code	Description	Quantity	UM
070	213.0100	PLACEMENT OF MILLINGS BENEATH GUARDRAIL	2,027.00	LF
071	302.0100	GRAVEL BORROW SUBBASE COURSE	5,622.00	CY
072	401.0100	BITUMINOUS BASE COURSE	4,195.00	TON
073	401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	3,900.00	TON
074	401.0400	BRIDGE BINDER	163.00	TON
075	401.9901	BITUMINOUS CONCRETE FOR PRESSURE RELIEF JOINT	20.00	SY
076	403.0300	ASPHALT EMULSION TACK COAT	45,313.00	SY
077	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES	166.00	TON
078	501.9902	CONTINUALLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT	800.00	SY
079	501.9903	CONTINUALLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT OVER MOMENT SLAB	300.00	SY
080	505.0100	CLASS X PORTLAND CEMENT CONCRETE BASE COURSE WITH CRACK CONTROL	3,868.00	SY
081	601.0300	CLASS A PORTLAND CEMENT CONCRETE	8.00	CY
082	603.1000	CONTROLLED LOW STRENGTH MATERIAL	7.00	CY
083	701.0412	REINFORCED CONCRETE PIPE M 170 CLASS III 12 INCH	890.00	LF
084	701.0415	REINFORCED CONCRETE PIPE M 170 CLASS III 15 INCH	11.00	LF
085	701.0612	REINFORCED CONCRETE PIPE M 170 CLASS V 12 INCH	44.00	LF
086	701.0618	REINFORCED CONCRETE PIPE M 170 CLASS V 18 INCH	78.00	LF
087	701.5406	6 INCH DUCTILE IRON WATER PIPE CLASS 52, MECHANICAL JOINT	224.00	LF
088	701.6012	12 INCH DUCTILE IRON SEWER SAFE PIPE CLASS 52	213.00	LF
089	701.8003	PIPE BEDDING CLASS C	10.00	CY
090	701.8100	FURNISH AND INSTALL DUCTILE IRON FITTINGS	300.00	LBS
091	701.8170	8X6 TAPPING SLEEVE & TAPPING VALVE WITH GATE BOX	1.00	EACH
092	701.9001	CONDUCT LEAKAGE TEST	1.00	EACH
093	701.9901	6" X 6" TAPPING SLEEVE AND TAPPING VALVE WITH GATE BOX	1.00	EACH
094	701.9912	12-INCH DUCTILE IRON DRAINAGE PIPE CLASS 52 - PUSH-ON JOINT	176.00	LF
095	701.9925	DISINFECTION OF NEW WATERMAINS	1.00	EACH
096	701.9981	8-INCH SCHEDULE 40 POLYVINYL CHLORIDE (PVC) PIPE	451.00	LF
097	702.0204	4' MANHOLE BLOCK STANDARD 3.2.0	3.00	EACH
098	702.0210	SOLID BLOCK SHALLOW 4'-0" ROUND MANHOLE STANDARD 3.2.2	1.00	EACH
099	702.0513	FRAME AND GRATE STANDARD 6.3.1	29.00	EACH
100	702.0516	FRAME AND GRATE, HIGH CAPACITY, STANDARD 6.3.4	1.00	EACH
101	702.0517	FRAME AND GRATE, STANDARD 6.3.2	2.00	EACH
102	702.0522	FRAME AND COVER STANDARD 6.2.1	6.00	EACH
103	702.0542	GRANITE APRON STONE 5FT. STANDARD 7.3.7	3.00	EACH
104	702.0543	GRANITE APRON STONE 38" STANDARD 7.3.8	2.00	EACH
105	702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	5.00	EACH
106	702.0620	PRECAST CATCH BASIN 4' SQUARE STANDARD 4.3.0	8.00	EACH

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Seq No.	Item Code	Description	Quantity	UM
107	702.0630	PRECAST MANHOLE 4' DIAMETER STANDARD 4.2.0	3.00	EACH
108	702.0703	CATCH BASIN TYPE 'F' ROUND STANDARD 3.4.2	2.00	EACH
109	702.0704	CATCH BASIN TYPE 'F' SQUARE STANDARD 3.3.2	1.00	EACH
110	702.0705	CATCH BASIN W/GUTTER INLET STANDARD 3.4.1	1.00	EACH
111	702.0713	PRECAST CONCRETE DROP INLET WITH APRON STONE STANDARD 4.5.1	4.00	EACH
112	702.0716	DOUBLE GRATE CATCH BASIN STANDARD 3.3.4	2.00	EACH
113	702.0750	MANHOLES, CATCH BASINS & INLETS DEPTHS GREATER THAN 12' STANDARD 3.7.0	2.00	VLF
114	702.9901	FURNISH AND INSTALL WATER QUALITY STRUCTURE	1.00	EACH
115	702.9907	BRICK/SOLID BLOCK DROP INLET	1.00	EACH
116	702.9909	PROVIDENCE STANDARD MANHOLE FRAME AND COVER STANDARD P10 AND P11	2.00	EACH
117	702.9911	PROVIDENCE STANDARD GRANITE INLET STONE STANDARD P17	1.00	EACH
118	702.9912	PROVIDENCE STANDARD GRANITE APRON STONE STANDARD P18	2.00	EACH
119	702.9913	PROVIDENCE STANDARD CATCH BASIN FRAME AND COVER STANDARD P3 AND P4	1.00	EACH
120	702.9918	CAST IRON BASIN, FRAME AND GRATE	5.00	EACH
121	702.9931	FURNISH AND INSTALL 2-WAY CONCRETE ENCASED 4-INCH PVC TELEPHONE CONDUIT	825.00	LF
122	702.9932	FURNISH AND INSTALL 2-WAY CONCRETE ENCASED 4-INCH PVC CATV CONDUIT	453.00	LF
123	702.9933	FURNISH AND INSTALL 1-WAY CONCRETE ENCASED 4-INCH PVC CATV CONDUIT	480.00	LF
124	703.0608	8" PERFORATED CORRUGATED POLYETHYLENE PIPE M252 UNDERDRAIN WITH FILTER MATERIAL ST	600.00	LF
125	703.9901	UNDERDRAIN CLEANOUT	5.00	EACH
126	706.9000	PLUG AND CAP PIPE ALL SIZES	12.00	EACH
127	707.0900	ADJUST MANHOLES TO GRADE	9.00	EACH
128	707.0955	ADJUST ELECTRICAL MANHOLE TO GRADE	3.00	EACH
129	707.1000	ADJUST SANITARY MANHOLE	12.00	EACH
130	707.1100	ADJUST CATCH BASINS	32.00	EACH
131	707.1800	ADJUST CATCH BASIN TO MANHOLE AND FURNISH FRAME AND COVER	1.00	EACH
132	708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	9,738.00	LF
133	708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	90.00	EACH
134	708.9042	CLEANING MANHOLES ALL TYPES AND SIZES	49.00	EACH
135	708.9901	CLEANING EXISTING WATER QUALITY STRUCTURE	3.00	EACH
136	709.0100	CONCRETE CONNECTING COLLAR STANDARD 1.3.0	2.00	CY
137	709.0200	CONCRETE HEADWALLS FOR PIPE CULVERTS STANDARD 2.1.0	1.00	CY
138	709.8103	FURNISH & INSTALL CEMENT CONCRETE CLASS B THRUST & ANCHOR BLOCKS CAST-IN-PLACE	2.00	CY
139	713.8269	ADJUST WATER GATE BOXES TO GRADE	5.00	EACH

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Seq No.	Item Code	Description	Quantity	UM
140	713.8300	ADJUST GAS GATE BOXES TO GRADE	1.00	EACH
141	803.0300	PARTIAL REMOVAL AND DISPOSAL OF EXISTING CONCRETE MASONRY	155.00	CY
142	804.1720	PILE LOAD TEST OVER 100 TON	2.00	EACH
143	804.2000	MOBILIZATION & DEMOBILIZATION OF PILE DRIVING EQUIPMENT	1.00	LS
144	804.2130	PILE POINTS FOR H PILES 14 INCH X 73 LB/FT	438.00	EACH
145	804.9901	H PILES FURNISHED 14"X73 LBS/FT	51,766.00	LF
146	804.9902	H PILES DRIVEN 14"X73 LBS/FT	47,386.00	LF
147	804.9903	PILE SPlicing BEYOND PRODUCTION LENGTH BY FORCE ACCOUNT	66,000.00	EACH
148	804.9904	PREBORING FOR OBSTRUCTIONS 12" DIA MANDATORY	135.00	LF
149	804.9906	PREBORING 24" DIA	330.00	LF
150	804.9907	PILE OBSTRUCTION REMOVAL BY FORCE ACCOUNT	24,650.00	EACH
151	804.9908	H PILE CUT-OFFS	438.00	EACH
152	804.9910	PRE AND POST CONSTRUCTION SURVEY OF EXISTING STRUCTURES	1.00	LS
153	804.9916	DYNAMIC PILE LOAD TESTING	10.00	EACH
154	805.4100	SOLDIER PILES DRIVE, STEEL	34.00	EA
155	805.4300	SOLDIER PILES PREDRILLED, STEEL	23.00	EA
156	805.4400	TIMBER LAGGING - INSTALLED	1,535.00	SF
157	805.4700	WALERS AND BRACING	190.00	LF
158	805.9911	TIEBACKS INSTALLED, LESS THAN 105 KIPS	20.00	EACH
159	805.9915	MSE WALL CONSTRUCTION	9,493.00	SF
160	805.9923	TEMPORARY STEEL SHEET PILING ABANDONED IN PLACE FURNISH AND DRIVE	4,757.00	SF
161	807.9940	MODULAR CONCRETE BLOCKS FOR MSE WALL	831.00	SF
162	808.0502	CONCRETE SUBSTRUCTURE CLASS XX 3/4" ABUT FOOTING	529.00	CY
163	808.0504	CONCRETE SUBSTRUCTURE CLASS XX 3/4" WALL FOOTING	377.00	CY
164	808.0505	CONCRETE SUBSTRUCTURE CLASS HP 3/4" WALL STEMS	785.00	CY
165	808.0506	CONCRETE SUBSTRUCTURE CLASS HP 3/4" ABUT STEMS	496.00	CY
166	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4" APPROACH SLABS	123.00	CY
167	808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4" BACKWALLS	33.00	CY
168	808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4" BRIDGE DECKS	160.00	CY
169	808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1"	724.00	SF
170	808.1670	POLYURETHANE JOINT SEALANT	2,489.00	CI
171	808.9901	CONCRETE FORMLINER FINISH	4,855.00	SF
172	808.9918	CONCRETE SUBSTRUCTURE CLASS HP(AE) 3/4" PL3 BARRIER	105.00	CY
173	808.9919	CONCRETE SUPERSTRUCTURE CLASS HP(AE) 3/4" PL3 BARRIER	34.00	CY

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174	808.9920	CONCRETE SUBSTRUCTURE CLASS HP(AE) 3/4" MOMENT SLAB	437.00	CY
175	808.9928	CONCRETE SUBSTRUCTURE CLASS XX 3/4" CONCRETE LEVELING PAD	67.00	CY
176	808.9930	CONCRETE SUPERSTRUCTURE CLASS HP(AE) 3/4" DIAPHRAGMS	17.50	CY
177	808.9931	CONCRETE SUBSTRUCTURE CLASS XX 3/4" SLEEPER SLAB	12.00	CY
178	808.9950	GRAFFITI CONTROL	35,100.00	SF
S179	809.1016	PRESTRESSED CONCRETE GIRDER, NEW ENGLAND BULB TEE TYPE 1600	510.50	LF
S180	809.9901	PRESTRESSED CONCRETE BOX BEAM TYPE B2-48 MOD FURN, FAB & ERECT CLASS HP 3/4"	540.00	SF
S181	809.9902	PRESTRESSED CONCRETE BOX BEAM TYPE B3-36 MOD FURN, FAB & ERECT CLASS HP 3/4"	150.00	SF
S182	809.9903	PRESTRESSED CONCRETE BOX BEAM TYPE B3-48 MOD FURN, FAB & ERECT CLASS HP 3/4"	1,000.00	SF
183	809.9904	LATERALLY POST TENSION SUPERSTRUCTURE NEW TO EXISTING	3.00	EACH
S184	809.9915	PRECAST PANEL MSE WALL TYPE A19	1.00	EACH
S185	809.9916	PRECAST PANEL MSE WALL TYPE A20	2.00	EACH
S186	809.9917	PRECAST PANEL MSE WALL TYPE A24	1.00	EACH
S187	809.9918	PRECAST PANEL MSE WALL TYPE B19	1.00	EACH
S188	809.9919	PRECAST PANEL MSE WALL TYPE B20	2.00	EACH
S189	809.9920	PRECAST PANEL MSE WALL TYPE B24	1.00	EACH
S190	809.9921	PRECAST PANEL MSE WALL TYPE C16	5.00	EACH
S191	809.9922	PRECAST PANEL MSE WALL TYPE C17	4.00	EACH
S192	809.9923	PRECAST PANEL MSE WALL TYPE C18	6.00	EACH
S193	809.9924	PRECAST PANEL MSE WALL TYPE C19	7.00	EACH
S194	809.9925	PRECAST PANEL MSE WALL TYPE C20	16.00	EACH
S195	809.9926	PRECAST PANEL MSE WALL TYPE C24	1.00	EACH
S196	809.9927	PRECAST PANEL MSE WALL TYPE D19	1.00	EACH
S197	809.9928	PRECAST PANEL MSE WALL TYPE D20	2.00	EACH
S198	809.9929	PRECAST PANEL MSE WALL TYPE D24	1.00	EACH
S199	809.9930	PRECAST PANEL MSE WALL TYPE G16	1.00	EACH
S200	809.9931	PRECAST PANEL MSE WALL TYPE G19	2.00	EACH
S201	809.9932	PRECAST PANEL MSE WALL TYPE G20	2.00	EACH
S202	809.9933	PRECAST PANEL MSE WALL TYPE G24	1.00	EACH
203	810.0200	STANDARD BARS GRADE 60	149,990.00	LBS
204	810.0300	EPOXY COATED BARS GRADE 60	176,075.00	LBS
205	813.0200	PREFORMED WATERPROOFING MEMBRANE	1,008.00	SY
206	819.0800	DRILL AND GROUT REINFORCING DOWELS	476.00	EACH
207	821.1690	SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT	432.00	LF
208	823.1750	ASPHALTIC EXPANSION JOINT SYSTEM	44.00	LF

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209	828.0301	ELASTOMERIC BEARINGS PLAIN	18.00	EACH
210	828.0303	ELASTOMERIC BEARINGS LAMINATED	10.00	EACH
211	830.9910	PL3 BARRIER RAIL	1,226.00	LF
212	831.9901	PERMANENT SNOW GUARD FENCING	611.00	LF
213	832.8050	BRIDGE MINIMUM CLEARANCE SIGNS	6.00	EACH
214	832.8051	BRIDGE IDENTIFICATION SIGNS	6.00	EACH
215	839.0200	FULL DEPTH REMOVAL AND DISPOSAL OF BITUMINOUS PAVEMENT FROM CONCRETE BRIDGE DECKS	755.00	SY
216	899.9903	HORIZONTAL AND VERTICAL DEFORMATION POINTS	20.00	EACH
217	899.9904	EXCAVATION SUPPORT WALL SURVEY MONITORING POINTS	20.00	EACH
218	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE EARTH AND ASPHALT	1,961.00	LF
219	901.0191	GUARDRAIL STEEL BEAM ANCHORAGE TRAILING END SECTION STANDARD 34.3.4	1.00	EACH
220	901.0194	GUARDRAIL CONNECTION TO BARRIER - APPROACH END SECTION - STD. 34.3.7	1.00	EACH
221	901.0195	GUARDRAIL CONNECTION TO BARRIER - TRAILING END SECTION - STD. 34.3.8	1.00	EACH
222	901.9901	IMPACT ATTENUATOR COMPLETE IN PLACE, RAMP THS	1.00	EACH
223	903.0206	CHAIN LINK FENCE 6' STD 31.2.0	1,189.00	LF
224	903.9930	6-FOOT BLACK VINYL COATED CHAIN LINK FENCE R. I. STD. 31.2.0 MODIFIED	67.00	LF
225	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	162.00	CY
226	905.0115	PORTLAND CEMENT CONCRETE DRIVEWAY STANDARD 43.5.0	46.00	CY
227	905.0120	BITUMINOUS SIDEWALK TYPE I-1 STANDARD 43.2.0	26.00	TON
228	905.0122	BITUMINOUS SIDEWALK TYPE I-2 STANDARD 43.2.0	204.00	TON
229	905.0130	PORTLAND CEMENT CONCRETE MEDIAN 4" MONOLITHIC	187.00	CY
230	905.9903	6-INCH PAVED SLOPE EXPOSED AGGREGATE FINISH	100.00	SY
231	906.0103	GRANITE TRANSITION CURB VERTICAL FACE TO SLOPED FACE STANDARD 7.4.2	1.00	EACH
232	906.0118	6' GRANITE TRANSITION CURB, QUARRY SPLIT SPECIAL TRANSITION STANDARD 7.3.2	2.00	EACH
233	906.0564	CEMENT CONCRETE EDGING 36 INCH LOT CURB	729.00	LF
234	906.0602	BITUMINOUS BERM STANDARD 7.5.1	829.00	LF
235	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	2,173.00	LF
236	906.0720	RESET STOCKPILE CURB STRAIGHT CIRCULAR CORNER RETURNS	1,441.00	LF
237	906.9905	PROVIDENCE STD. GRANITE CURB 7" WIDE (CURVED) 7.3.0CM	103.00	LF
238	906.9906	PROVIDENCE STD. GRANITE 2'-0" RADIUS CORNER 7.3.4M	25.00	EACH
239	906.9907	PROVIDENCE STD. GRANITE WHEELCHAIR RAMP CURB 7.3.3M STANDARDS 43.3.0 AND 43.3.1	6.00	EACH
240	907.0100	WATER FOR DUST CONTROL	110.00	MGAL

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241	907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	30.00	TON
242	909.3010	PRECAST MEDIAN BARRIER DOUBLE-FACED STANDARD 40.1.0	480.00	LF
243	909.3020	PRECAST MEDIAN BARRIER SINGLE-FACED STANDARD 40.2.0	675.00	LF
244	909.3021	PRECAST MEDIAN BARRIER SINGLE-FACED STANDARD 40.2.1	387.00	LF
245	909.3030	PRECAST MEDIAN BARRIER TRANSITION STANDARD 40.3.0	1.00	EACH
246	909.9901	PRECAST CONCRETE CRASH TESTED BARRIER SYSTEM (TL-4)	106.00	LF
247	911.0100	WET STONE MASONRY RETAINING WALL STANDARD 10.1.0	6.00	CY
248	914.5010	FLAGPERSONS	12,000.00	MHRS
249	914.5020	FLAGPERSONS - OVERTIME	1,200.00	MHRS
250	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE STANDARD 14.1.0	4.00	EACH
251	916.0600	SHOCK ABSORBING BARRIER MODULES	2.00	GRP
252	921.0100	SLOPE PAVING 16X8X4"	358.00	SY
253	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	337.00	SF
254	923.0105	DRUM BARRICADE STANDARD 26.2.0	24,000.00	BDAY
255	923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	18.00	EACH
256	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	357.00	EACH
257	924.0113	ADVANCE WARNING ARROW PANEL	2,920.00	PDAY
258	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	1,500.00	PDAY
259	926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	4,052.00	LF
260	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	81.00	EACH
261	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	75.00	PDAY
262	929.0300	CHAMP MANAGEMENT SYSTEM	10,000.00	EACH
263	931.0110	CLEANING AND SWEEPING PAVEMENT	666.00	HSY
264	932.0100	CUTTING AND MATCHING ASPHALT	529.00	LF
265	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	1,179.00	LF
266	932.0210	FULL DEPTH SAWCUT OF BITUMINOUS PAVEMENT AND RIGID BASE	2,736.00	LF
267	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	199.00	LF
268	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	95.00	LF
269	934.1000	SURVEY PARTY	200.00	PDAY
270	935.0500	REMOVING BITUMINOUS SURFACE - COLD PLANING	21,254.00	SY
271	936.0110	MOBILIZATION	1.00	LS
272	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS

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273	942.0100	DETECTABLE WARNING SYSTEMS STANDARD 48.1.0	30.00	SF
274	943.0100	TRAINEE MAN-HOURS	3,000.00	MNHR
275	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	11,432.00	SY
276	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	11,432.00	SY
277	L05.0502	ADHESIVE MULCH STABILIZER	2.00	ACRE
278	T04.6902	'2' STRANDED COPPER CONDUCTOR 600V INSULATION	6,510.00	LF
279	T04.6906	'6' STRANDED COPPER CONDUCTOR 600V INSULATION	2,160.00	LF
280	T04.9901	PRE-MOLDED SPLICES 2-WAY, 3-WAY AND 4-WAY SPLICES	11.00	EACH
281	T04.9902	FUSED AND UNFUSED PREMOLDED Y-CONNECTORS	30.00	EACH
282	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0	18.00	EACH
283	T05.9902	TYPE V PULL BOX IN STRUCTURE (24"X8"X6")	15.00	EACH
284	T05.9915	TYPE W5 PULL BOX ON STRUCTURE (12"X12"X6")	5.00	EACH
285	T06.1020	2 IN. RIGID STEEL CONDUIT - UNDERGROUND	95.00	LF
286	T06.2020	2 IN. RIGID STEEL CONDUIT-OVERHEAD	180.00	LF
287	T06.4030	3 IN. RIGID STEEL CONDUIT IN STRUCTURE	730.00	LF
288	T06.5030	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	2,750.00	LF
289	T06.6030	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-OVERHEAD	45.00	LF
290	T06.9912	3-INCH POLYVINYL CHLORIDE CONDUIT IN STRUCTURE	645.00	LF
291	T07.1250	FURNISH AND INSTALL 250 WATT HIGH PRESSURE SODIUM LUMINAIRE	6.00	EACH
292	T07.1400	FURNISH AND INSTALL 400 WATT HIGH PRESSURE SODIUM LUMINAIRE	6.00	EACH
293	T07.9904	250 WATT HIGH PRESSURE SODIUM UNDERSTRUCTURE TYPE A LUMINAIRE	3.00	EACH
294	T08.0100	LIGHT STANDARD FOUNDATION WITH ANCHOR BOLTS STANDARD 18.1.0	5.00	EACH
295	T08.0200	LIGHT STANDARD ANCHORAGES ON BRIDGES	7.00	EACH
296	T08.2041	ALUMINUM LIGHTING STD. 40 FT. W/ SINGLE DAVIT ARM EXTN. 10 FT. STANDARD 18.3.0	6.00	EACH
297	T08.9903	ALUMINUM LIGHTING STD. 30 FT. W/ SINGLE DAVIT ARM EXTN. 6 FT. STANDARD 18.3.0	6.00	EACH
298	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	58.00	SF
299	T17.0100	OVERHEAD SIGN PANELS	378.00	SF
300	T17.9901	FURNISH AND INSTALL OVERHEAD CANTILEVER SIGN STRUCTURE C6A-01	1.00	EACH
301	T17.9902	FURNISH AND INSTALL OVERHEAD CANTILEVER SIGN STRUCTURE C6A-02	1.00	EACH
302	T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	25,636.00	LF
303	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	16,827.00	LF
304	T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	1,283.00	LF
305	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	2,568.00	LF
306	T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	9,137.00	LF

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307	T20.9914	4-INCH WHITE TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	8,200.00	LF
308	T20.9920	12 INCH WHITE TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	83.00	LF
309	T20.9924	4-INCH YELLOW TEMPORARY WATERBORNE PAVEMENT MARKING PAINT	6,855.00	LF